Data sheet
623F ALU-G100

Swivel castor - mounting type: top plate (4 bolt holes).



VYROBENÉ
NA SLOVENSKU
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The series model 623 predstavuje swivel rolovacie castor with mounting doskou na four otvory, ideálne for industrial applications. The design includes hliníkový wheel centre so reinforced rebrovaním, which ensures antikoróznu protection and high strength. Tread z liateho polyurethane elastomer is non-detachably chemicky combined with wheel centre, which guarantees excellent elasticity, absorbciu nárazov and nízky valivý odpor without poškodzovania floors. Thanks to dvojitému axial bearing with kalibrovanými dráhami and tesneniu otočenia the wheel achieves bezstopý and maintenance-free chod, while the mechanizmus brake F allows zablokovanie rotation v akomkoľvek direction. Zinc-plated vidlica z steel plechu thickness 3–4 mm increases resistance to wear. An ideal choice for tvrdé aj mäkké industrial floor with miernymi nerovnosťami and for nepretržitú operation, where vyžaduje reliability and low noise.

Bracket 623 series:

Swivel castor with top plate (4 bolt holes)

- standard version
- pressed steel, THK 3 ÷ 4 mm
- double bearing with calibrated races
- seal in the swivel head
- zinc-plated, Cr6-free

Discription of the brake F:

- the brake system prevents the rotation of the wheel and bracket in the direction of the current rotation

Wheel ALU series:

Wheel center:

- die-cast aluminium
- reinforced with closed ribbing
- corrosion-free
- aluminium color

Tread:

- casted polyurethane-elastomer
- chemically-bonded inseparable connection with the wheel center
- good elasticity, good at preserving floor surfaces
- non-marking

TREAD AND TYRE HARDNESS	92° ± 3° Shore A	●●●●○
ROLLING RESISTANCE	very good	●●●●○
OPERATING NOISE	good	●●●○○
WEAR RESISTANCE	excellent	●●●●●
TEMPERATURE RANGE	od -20 °C do +70 °C	

Specifications

Diameter (D)		100 mm
Wheel width (S)		40 mm
Plate size (A x B)		135 x 110 mm
Bolt hole spacing (a x b)		105 x 80/75 mm
Bolt holes Ø		11 mm
Offset (F)		56 mm
Mounting height(H)		140 mm
Load		220 kg
Bearing type		Ball
Mounting type		Mounting bracket
Tread material		Polyuretán
Attributes		Non-marking
Farba behúňa		Žlto-Hnedá
Wheel centre colour		Hliníková
Wheel centre		Hliníková liatina
Typ brzdy		F

When choosing the right wheel, please note the technical conditions and step-by-step guide in our catalogue (p. 4-17) or visit our website https://sk.renost.net/en/. Note: Load capacity refers to dynamic load according to STN EN 12532 (speed: 4 km/h, height of obstacles = 2,5% of the wheel diameter for tread hardness ≥ 90° Shore; height of obstacles = 5,0% of the wheel diameter for tread hardness < 90° Shore; temperature 17°C-23°C; humidity= 40%-70%).